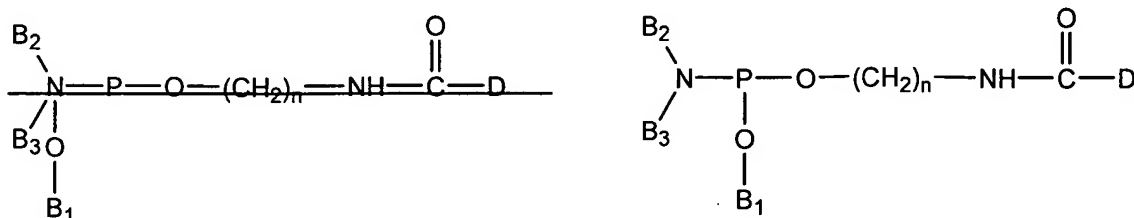


Amendments to the Specification:

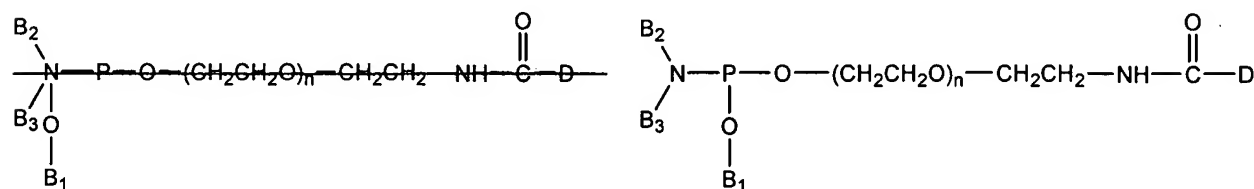
Please replace the paragraph beginning at page 24, line 4, with the following rewritten paragraph:

-- Preferably X is linear alkyl or cyclic lower alkyl, alkyl or cyclic substituted lower alkyl, polyethylene oxide, lower aryl having between 1 and 8 carbon atoms, peptide, or polyether. Preferably the linkage Y is amido sulfonamide, urea, urethane, or ~~thourea~~ thiourea. In one particularly preferred embodiment, the linkage Y is amido and the spacer X is linear alkyl having the structure below in Formula IV.1



FORMULA IV.1

where n is from 2 to 30, preferably from 2 to 10, and more preferably from 2 to 6. In a second preferred embodiment, the linkage Y is amido and the spacer X is linear polyethylene oxide having the structure shown below in Formula IV.2



FORMULA IV.2

where n is from 2 to 30, preferably from 2 to 10, and more preferably from 2 to 6.--

Please replace the paragraph beginning at page 34, line 10, with the following rewritten paragraph:

-- Following thermal cycling, the four separate reactions were combined into the concentration buffer (83% DMSO/25mM EDTA/ 8mg/mL Blue Dextran) and concentrated using standard

Express Load methods (v 2.02 Catalyst Manual, PE). 2mL of concentrated sample was loaded onto a well of the 377 sequencer, run, and analyzed using version 1.1 Software. The sequence between base 233 and 263 is shown in FIG. 9 (SEQ ID NO:1).--